Schaltbau S100 series emergency disconnect switches guarantee instantaneous cut-out by manual operation.

Load circuits are closed by pulling the red knob and, in an emergency, forcibly ruptured by pushing it down. Once actuated, the spring-loaded snap mechanism of the switch will complete the switch off procedure in any case. For ON and OFF there are two maintained positions.

Special feature: The knob can be used as key. When engaged to the OFF position it can be removed so as to prevent unauthorized use of the truck.

Features:
- Single pole emergency disconnect switch with snap mechanism
- Key function: Knob removable in OFF position
- Maintained position for ON and OFF
- High resistance to shock and vibration
- Optional auxiliary switch

Application:
Especially designed for industrial trucks such as powered pallet jacks and walkie-stackers

Dimensions in mm:
- Ø32 ±0.3
- 42 ±0.5
- 32.2 ±0.5
- 62.5 ±0.5
- 83.3 ±0.5
- 65 ±0.5
- 48

Standards:
EN 1175-1 (IEC 60947-5-1, IEC 60947-5-5)

Kind of voltage | DC
Main contacts, configuration, # of | 1x NC
Nominal voltage Un | 24 V / 36 V / 48 V
Rated insulation voltage Ui | 150 V
Rated impulse withstand voltage Uimp | 2.5 kV
Pollution degree | PD3
Overvoltage category | OV3
Rated operating current Ie | 80 A
Conventional thermal current Ith | 60 A
Blowout magnets | no, bi-directional
Main contacts, material/terminal | AgSnO2 / M6
Auxiliary contact | 1x SPDT S880, optional
Mechanical/electrical endurance | > 100,000 operating cycles
Degree of protection | IP44 above mounting plate
| IP30 below mounting plate
Mounting position | vertical
Weight | 165 g

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